

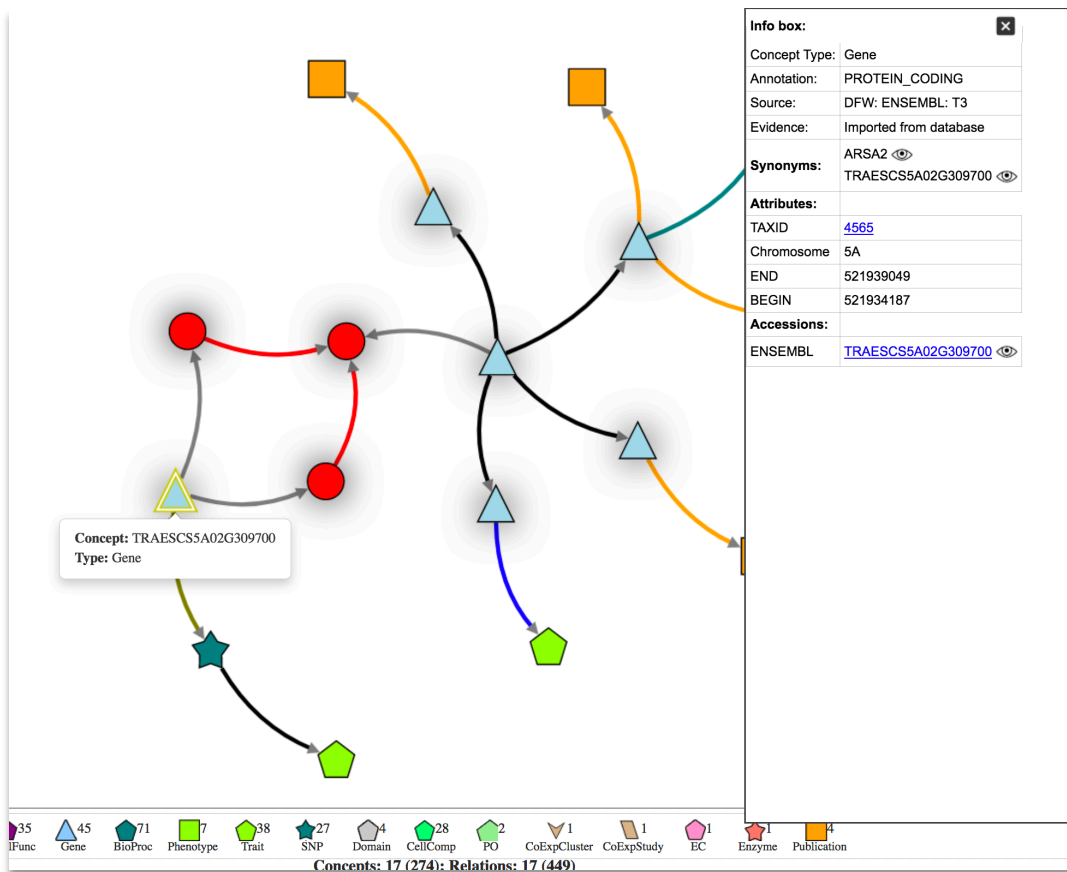
T3 Wheat Tutorial – KnetMiner

KnetMiner is a website tool used to search across large biological databases and literature to find links between genes, traits, diseases. T3 Wheat has links from the GWAS Results and Gene annotations pages.

Links from GWAS Results page for 'grain yield' trait. The keyword link searches KnetMiner using gene and trait keywords. The ontology link searches KnetMiner using gene and trait ontology.

Download meta data, Download detail data

marker	chromosome	location	gene	feature	Z-score	Trial Count	Trial Details	Genome Browser	Expression	Knetminer
Excalibur_c49597_398	chr5A	521934877	TraesCS5A02G309700	ATPase [Source:UniProtKB/TrEMBL;Acc:A0A1D5YR47]	4.857	1	Trial details	JBrowse	expVIP EMBL-EBI	keyword ontology
BS00022110_51	chr5A	440264163	TraesCS5A02G225100	Cinnamoyl-CoA reductase	4.584	1	Trial details	JBrowse	expVIP EMBL-EBI	keyword ontology
gbsHWWAMP26901	chr4B	38624956	TraesCS4B02G049900	Cytochrome b561 family protein, expressed	2.767	11	Trial details	JBrowse	expVIP EMBL-EBI	keyword ontology



The Gene Annotation page on T3/Wheat also has a link to KnetMiner. When searching KnetMiner for only a gene the result can be quite large and difficult to interpret so it is usually better to search from the GWAS Result page.

Gene Annotation TraesCS5A02G309700

Gene id	TraesCS5A02G309700
Transcript	TraesCS5A02G309700.1
Gene name	
Type	mRNA
Gene reference	Ensembl Plant
Assembly name	7
Description	ATPase [Source:UniProtKB/TrEMBL;Acc:A0A1D5YR47]
Start	521934187
Stop	521937570
Bin	5A
Uniprot	IPR016300: Arsenical pump ATPase, ArsA/GET3; IPR025723: Anion
Goa	

Updated on 2019-01-17 11:12:43

KnetMiner network - [TraesCS5A02G309700](#)

Pathways from Plant Reactome - none

Markers near this gene

Marker	distance
Excalibur_c49597_398	0
Excalibur_c49597_579	0